

GUIDELINE F-1
(formerly 05-01)

Particulate Emissions at New Cement Plants

Legislative Authority:

Environmental Protection Act, RSO 1990,
Section 9

Responsible Director:

Director, Program Development Branch

Last Revision Date:

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Table of Contents

1.0 REQUIREMENTS

2.0 GUIDELINE EMISSION LIMITS FOR PARTICULATE MATTER

- 2.1 Kiln Sources
- 2.2 Clinker Cooler Sources
- 2.3 Finish Grinding Operation
- 2.4 All Other Plant Sources

SYNOPSIS

The purpose of this guideline is to establish emission limits for particulate matter emitted by new cement plants which will be enforced by the Ministry's Certificate of Approval process.

1.0 Requirements

The guidelines specified in Section 2 are in addition to the requirements of O. Regulation 346, Air Pollution -- General, O. Regulation 337, Ambient Air Quality Criteria, and the *Environmental Protection Act*.

2.0 Guideline Emission Limits for Particulate Matter

New cement plants will be required to meet the following guideline limits:

2.1 Kiln Sources

The emission limit is 450 g of particulate per tonne of clinker produced.

2.2 Clinker Cooler Sources

The emission limit is 300 g of particulate per tonne of clinker produced.

2.3 Finish Grinding Operation

The emission limit is 50 g of particulate per tonne of clinker consumed.

2.4 All Other Plant Sources

The emission limit is 100 g of particulate per tonne of clinker produced or consumed in the process, for all other sources of particulate emissions in the plant, such as storage and transfer points.